

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

690 Walnut Ave.St. 150

Vallejo, CA 94592-1133

(707) 649-5453

(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-013729**Date Inspected:** 23-Apr-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Lv Liqian**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

BAY#16

This QA inspector performed MT of approximately 15% and VTo of the area previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an MT report for this date. The members are identified as Façade and Facade manhole. The weld designations reviewed are as follows:NWIT-005584&05582.

43Meter

SA35-2,39,78-013.

SA35-1 to 78-014.

ED1-A227-6-03,014,022.

ED1-A206-6-001,005.

ED1-A204-11-001,035,039,066.

ED1-A222-11-001,016,018,020.

WD1-A224-6-006,013,020,023.

WD1-A145-6-001,005.

ED1-A204-12-001,005,020,022.

ED1-A222-12-001,014,017,021.

38Meter

ED1-A227-5-001,010,018,022.

ED1-A206-5-003.

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ED1-A204-9-001,005,035,048,065.

ED1-A222-9-002,020,017.

WD1-A224-5-004,015,021.

WD1-A145-5-002,004.

ED1-A204-10-003,009,047,053.

ED1-A222-10-005,008,020,019.

OUTSIDE SHOP

9EE

This QA inspector performed UT of approximately 10% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an UT report for this date. The members are identified as Segment 9EE. The weld designations reviewed are as follows:
SEG058A-005,006

BAY#14

FCAW welding of repair weld joint 2G-129 located on PCMK SEG3003T of segment 12CE welder is identified as 058551. ZPMC QC is identified as Mr. Wang xu. The welding variables recorded by QC appeared to Comply with the WPS-345-FCAW-2G(2F)-repair and B-WR12182.

Fit-up of the following weld joint SEG3001*-011,008,019 dimension, ceramic backing bar and tack weld checked with ZPMC Mr. Wang Xu and recorded by ZPMC QC is appeared to comply with the WPS-B-T-222(3)1-T-2.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Kumar, Chadra	Quality Assurance Inspector
Reviewed By:	McClendon, Timothy	QA Reviewer
